

#314 Liquid Nitrogen

This course addresses the hazards of cryogenic liquid nitrogen usage and handling, and the techniques for controlling these hazards. The bases for this course include OSHA and NASA documentation and NASA applications and mishaps. The content includes: fundamentals of liquid nitrogen (physical and chemical characteristics); hazards of liquid nitrogen; safeguards for usage and handling of liquid nitrogen; safety features for storage, transfer, and transportation of liquid nitrogen; and emergency procedures and disposal of liquid nitrogen. This course will primarily be presented via the NASA Videoteleconferencing system and the instructor-led version of this class will only be available if combined with another course by the same instructor, if there are enough students to merit multiple presentations, or to meet special, urgent needs. Check with the NSTC management staff for determination.

Target Audience:

- Safety, Reliability, Quality, and Maintainability Professionals
- Supervisors managing the usage and handling of liquid nitrogen, science and engineering personnel designing, planning and operating battery powered systems
- Technical personnel performing maintenance and operations for battery systems.

Dates:
June 10, 2005
1:00 – 4:00 p.m.

Location:
Marshall Space Flight Center

About the Instructor: Mr. John M. McGee, P.E., served four years in the USAF. He holds a B.S. degree in Chemical Engineering from West Virginia University and an M.S. degree in Industrial Engineering from New Mexico State University. He has 30 years experience with NASA in a variety of assignments including research and development testing, flight subsystem management, and as the Safety Officer at the WSTF. Currently, he is employed with Muniz Engineering, Inc., teaching and developing training courses for the NASA Safety Training Center. Courses include Machinery and Machine Guarding, Electrical Safety Standards, Lockout/Tagout, Confined Space Entry, OSHA 501 Guide to Voluntary Compliance, Cryogenics Safety, and the Certified Safety Professional Exam Review course.

To register, please contact:

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